

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,554,707 B1  
APPLICATION NO. : 09/630883  
DATED : June 30, 2009  
INVENTOR(S) : Khosrow Golshan

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 16:

Column 10, line 23, replace "signals" with --signal--.

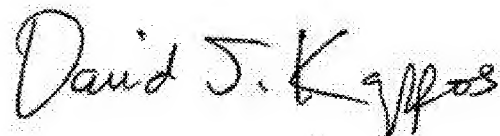
Claim 26:

Column 12, line 33, replace " $\text{Al}_x\text{Ga}_{1-x}\text{As}_y\text{Sb}_{1-y}$ " with -- $\text{Ga}_x\text{In}_{1-x}\text{As}_y\text{P}_{1-y}$ --.

Claim 32:

Column 14, line 13, replace "to coupled to" with --and coupled to--.

Signed and Sealed this  
Seventeenth Day of May, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos  
*Director of the United States Patent and Trademark Office*